

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-4001(7)	27A	585

WATER MAIN SUMMARY OF QUANTITIES													
WATER MAIN LIN FT							16" BUTERFLY VALVE EACH	GATE VALVE EACH	2" GATE VALVE EACH	FIRE HYDRANT EACH	AIR RELEASE VALVE EACH		
16"	12"	10"	8"	6"	4"	2"		12"	10"	8"	6"		
2500	200	130	8600	300	40	40	10	2	2	60	20	2	

MISCELLANEOUS ITEM, SUCH AS PAVEMENT REMOVAL AND REPLACEMENT, EXCAVATION, BACKFILLING, COMPACTION AND SURFACE RESTORATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WATER.

ADJUST VALVE BOX TO GRADE	
EACH	10

SANITARY SEWER FORCE MAIN
SANITARY SEWER PIPE 4 INCH DUCTILE IRON LIN FT

ADJUST EXISTING UTILITY MANHOLE TOP TO NEW FINISHED GRADE, INCLUDING REMOVAL OF EXISTING TOP, RAISING OR LOWERING RING AND COVER, AND STABILIZING FINISHED STRUCTURE.	EACH
TOTAL	

WATER SERVICE LINES AND APPURTENANCES SUMMARY OF QUANTITIES
DOMESTIC WATER SERVICE WHICH ARE DETERMINED TO BE IN CONFLICT WITH THE ROADWAY WIDENING PROJECT SHALL BE ADJUSTED OR REESTABLISHED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE EXACT NATURE OF THE WORK CANNOT BE DETERMINED UNTIL THE SERVICE LINES ARE ENCOUNTERED/LOCATED AND THEIR RELATIONSHIP TO THE ROADWAY OR STORM DRAINAGE WORK DETERMINED. THE CONTRACTOR WILL BE PAID FOR THE WORK AT THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW. ALL INCIDENTALS SUCH AS PAVEMENT REMOVAL, TRENCHING, BACKFILLING, COMPACTION AND CONNECTION TO EXISTING SERVICES SHALL BE INCLUDED IN THE PRICE BID FOR THE PIPE.
1" SERVICE LINE LIN FT
200

RELOCATE WATER METER, INCLUDING BOX	
EACH	15

SANITARY SEWER RELOCATION			
SANITARY MANHOLE SPECIAL, TP 1 CITY OF SAVANNAH STANDARD	SANITARY SEWER MANHOLE TP 1, ADDITIONAL DEPTH CLASS I	SANITARY SEWER MANHOLE TP 1, ADDITIONAL DEPTH CLASS II	SANITARY SEWER PIPE 8 INCH
EACH	LIN FT	LIN FT	LIN FT
10	16	12	610

STEEL CASING FOR UTILITY CROSSING				
36 INCH LIN FT	30 INCH LIN FT	24 INCH LIN FT	18 INCH LIN FT	15 INCH LIN FT
90	250	80	1100	80

CASING IS FOR FUTURE ACCESS TO UTILITIES. CASING WILL BE STEEL WITH 35,000 PSI YIELD STRENGTH. ALL CASINGS WILL BE INSTALLED BY OPEN CUT.

FLOWABLE FILL	
ALL PIPES AND MANHOLES TO BE ABANDONED IN PLACE SHALL HAVE ALL VOIDS REPLACED WITH FLOWABLE FILL. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THIS, INCLUDING PUMPS. ALL COSTS ARE TO BE INCLUDED IN THE UNIT BID PRICE FOR FLOWABLE FILL.	
CY	280

SANITARY SEWER SERVICE LINE SUMMARY OF QUANTITIES	
SANITARY SEWER SERVICE WHICH ARE DETERMINED TO BE IN CONFLICT WITH THE ROADWAY WIDENING PROJECT OR WHICH CONNECT TO SEWER LINES WHICH ARE TO BE REPLACED SHALL BE ADJUSTED OR REESTABLISHED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE EXACT NATURE OF THE WORK CANNOT BE DETERMINED UNTIL THE SERVICE LINES ARE ENCOUNTERED AND THEIR RELATIONSHIP TO THE ROADWAY OR STORM DRAINAGE WORK DETERMINED. THE CONTRACTOR WILL BE PAID FOR THE WORK AT THE UNIT PRICE BID FOR THE ITEMS IF LISTED BELOW OTHERWISE ALL FITTINGS AND INCIDENTALS, SUCH AS PAVEMENT REMOVAL, TRENCHING, BACKFILL, COMPACTION AND FLOW DIVERSION AND CONNECTION TO MAIN AND EXISTING SERVICES SHALL BE INCLUDED IN THE PRICE	
ITEM	QUANTITY AS DIRECTED BY ENGINEER
SANITARY SEWER PIPE, 6 INCH	300 LIN FT
SANITARY SEWER PIPE, 4 INCH	600 LIN FT

TAPPING SLEEVE AND VALVE ASSEMBLY					
16"x16" TAPPING SLEEVE AND VALVE ASSEMBLY EACH	16"x12" TAPPING SLEEVE AND VALVE ASSEMBLY EACH	16"x10" TAPPING SLEEVE AND VALVE ASSEMBLY EACH	16"x8" TAPPING SLEEVE AND VALVE ASSEMBLY EACH	10"x10" TAPPING SLEEVE AND VALVE ASSEMBLY EACH	8"x8" TAPPING SLEEVE AND VALVE ASSEMBLY EACH
2	2	2	4	2	3

DATE	REVISIONS
3/23/04	ADDED UTILITY RELOCATION PLAN